



SUPERELEVATION AND WIDENING TABLE, emax = 8%

	80 km/h			90 k m /h			100 km/h		110 km/h		120 km/h		
RADIUS (m)	е%	٦	W		e%	L	W	e%	L	e%	L	e%	L
			6.6	7.2	v D	_	6.6	0%	١	C /s	J	E /•	_
7000	NC	0	0	0	NC	0	0	NC	0	NC	0	NC	0
5000	NC	0	0	0	NC	0	0	NC	0	NC	0	NC	0
3000	NC	0	0	0	NC	0	0	RC	25	2.1	28	2.4	34
2500	NC	0	0	0	RC	23	0	2.1	26	2.4	32	2.9	41
2000	RC	22	0	0	2.2	25	0	2.6	32	3.0	40	3.5	50
1500	2.4	26	0	0	2.8	32	0	3.4	42	3.9	51	4.6	65
1400	2.5	27	0	0	3.0	34	0	3.6	44	4.1	54	4.9	70
1300	2.7	29	0	0	3.2	37	0	3.8	47	4.4	58	5.2	74
1200	2.9	31	0	0	3.4	39	0	4.1	50	4.7	62	5.6	80
1000	3.4	37	0	0	4.0	46	0	4.8	59	5.5	72	6.5	92
900	3.7	40	0	0	4.4	51	0	5.2	64	6.0	79	7.1	101
800	4.1	44	0	0	4.8	55	0	5.7	70	6.5	87	7.6	108
700	4.5	49	0	0	5.3	61	0	6.3	77	7.2	95	8.0	114
600	5.1	55	0	0	6.0	69	0.7	6.9	85	7.7	101	MIN RADIUS =	
500	5.8	63	0.7	0	6.7	77	0.7	7.6	93	8.0	105		
400	6.6	71	0.7	0	7.5	86	0.8	8.0	98	98 MIN 6		665	5 m
300	7.6	82	0.8	0	MIN RADIUS = 305 m			MIN RADIUS = 395 m		RADIUS =			
250	7.9	85	0.9	0.6						500	m		

MIN RADIUS = 230 m

SUPERELEVATION AND WIDENING TABLE, emax = 4%

		80 H	k m /h		9	0 km/	'n	100 km/h		
RADIUS (m)	е%	L	W		001		W	e%		W
			6.6	7.2	e%	L	6.6	C /s	L	6.6
5000	NC	0	0	0	NC	0	0	NC	0	0
3000	NC	0	0	0	NC	0	0	RC	25	0
2500	NC	0	0	0	RC	23	0	RC	25	0
2000	RC	22	0	0	RC	23	0	2.2	27	0
1500	RC	22	0	0	2.3	25	0	2.6	32	0
1400	2.1	23	0	0	2.4	28	0	2.7	33	0
1300	2.2	24	0	0	2.5	29	0	2.8	34	0
1200	2.3	25	0	0	2.6	30	0	2.9	36	0
1000	2.5	27	0	0	2.8	32	0	3.2	39	0
900	2.7	29	0	0	3.0	34	0	3.4	42	0.6
800	2.8	30	0	0	3.2	37	0.6	3.5	43	0.6
700	3.0	32	0.6	0	3.4	39	0.6	3.7	45	0.7
600	3.2	35	0.6	0	3.6	41	0.7	3.9	48	0.7
500	3.5	38	0.7	0	3.8	44	0.8	4.0	49	0.8
400	3.7	40	0.8	0				RADI	ADIUS =	
300	4.0	43	1.0	0.7				490 m		

MIN RADIUS = 280 m

TABLE NOTES:

- 1) "NC" DENOTES NORMAL CROSS SLOPE.
 2) "RC" DENOTES REMOVE ADVERSE CROSS SLOPE, SUPERELEVATE AT NORMAL CROSS SLOPE.
 3) "0" DENOTES THE SUPERELEVATION IN PERCENT (%).
 4) "L" THE LENGTH OF SUPERELEVATION RUNOFF AND WIDENING TRANSITION IN METERS FOR A 4 LANE DIVIDED HIGHWAY.
 5) "W" THE WIDENING IN METERS FOR SURFACING AT INSIDE SHOULDERS.
 6) VALUE FOR A RADIUS NOT SHOWN IN ABOVE TABLE SHALL BE IDENTICAL TO THOSE FOR THE NEAREST TABULATED RADIUS. IN CASE OF TIE, USE VALUES OF NEXT LARGER RADIUS.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION SUPERELEVATION. SPIRALS AND WIDENING (DIVIDED HIGHWAYS) DATE:___ EFFECTIVE: 04-01-2002 M203.21J



